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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	Not Yet Assigned 10/590185
				Filing Date	August 18, 2006
				First Named Inventor	Timothy C. Frank
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	62644A US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AG/	AA	US-5,628,906	05/13/1997	Ruel Shinnar et al.	5,628,906
/AG/	AB	US-2003/0003534 A1	02/02/2003	Sheppard, Scot R.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/AG/	BA	GB 2 333 526 A	09/15/1998	Advanced Biotechnologies Ltd.		
/AG/	BB	PCT WO 00/12537	03/09/2000	LG Chemical Limited (KR/KR)		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
/AG/	CA	BLANCH, HARVY W., et al., "Biochemical Engineering", Marcel Dekker, Inc., New York, NY. 1997. ISBN: 0-8247-0099-6		
/AG/	CB	International Search Report PCT/US2005/005309		
/AG/	CC	JOHANSSON, HANS-OLAF et al., "Thermoseparating Water/Polymer System: A novel One-Polymer Aqueous Two-Phase System for Protein Purification", Biotechnology and Bioengineering, Vol. 66, no. 4, 1999, pages 247-257		
/AG/	CD	KREI, GEORG et al., "Extraction of α-amylase using BDBAC-reversed micelles", Bioseparation 4: 175-183, 1995 XP008047247, the Netherlands		
/AG/	CE	LOTWIN, JORGE, "Oxidative Renaturation of Hen Egg-White Lysozyme in Polyethylene Glycol-Salt Aqueous Two-Phase Systems", Biotechnology and Bioengineering, Vol. 65, No. 4, November 20, 1999, pages 437-446		
/AG/	CF	LOUWRIER, Ariel, "Model isolations of nucleic acids from prokaryotic and eukaryotic sources using an organic/aqueous biphasic system" Biotechnology Techniques, 13: 329-330, 1999, Kluwer Academic Publishers. Netherlands.		
/AG/	CG	LOUWRIER, ARIEL, "Model phase separations of proteins using aqueous/ethanol components", Biotechnology Techniques. Vol 12, No 5, 1998		
/AG/	CH	LOUWRIER, Ariel, "Nucleic Acid Removal from Taq Polymerase Preparation Using an Aqueous/Organic Biphasic System" BioTechniques Vol 27:444-445 No. 3, September 1999		
/AG/	CI	SIVARS, ULF, "Mechanisms of phase behavior and protein partitioning in detergent/polymer aqueous two-phase systems for purification of integral membrane proteins ¹ ", Biochimica et Biophysica Acta 1474 (2000) 133-146		
/AG/	CJ	SIVARS, ULF, "Protein Partitioning in weakly charged polymer-surfactant aqueous two-phase systems", Journal of Chromatography B. 680 (1996) 43-53		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Signature	/Anish Gupta/	Date Considered	7/13/2010
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Change(s) applied to document,

/S.R.R./

3/10/2011